

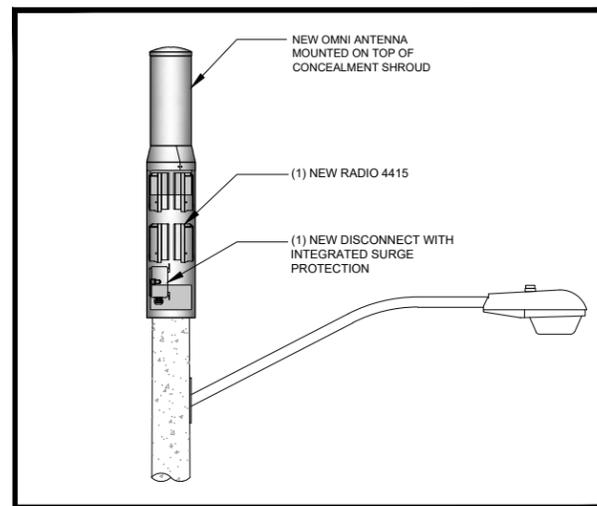
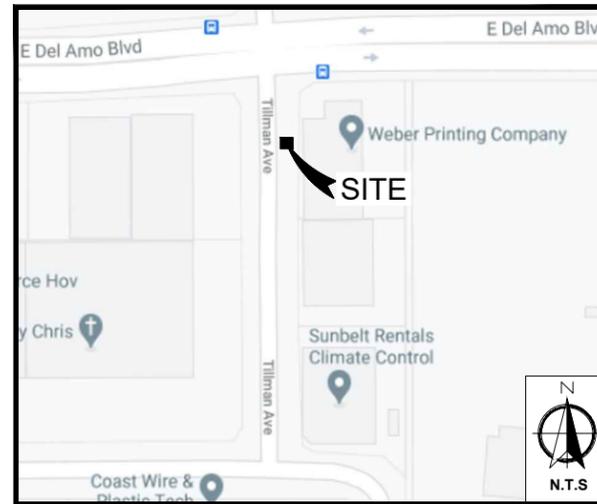
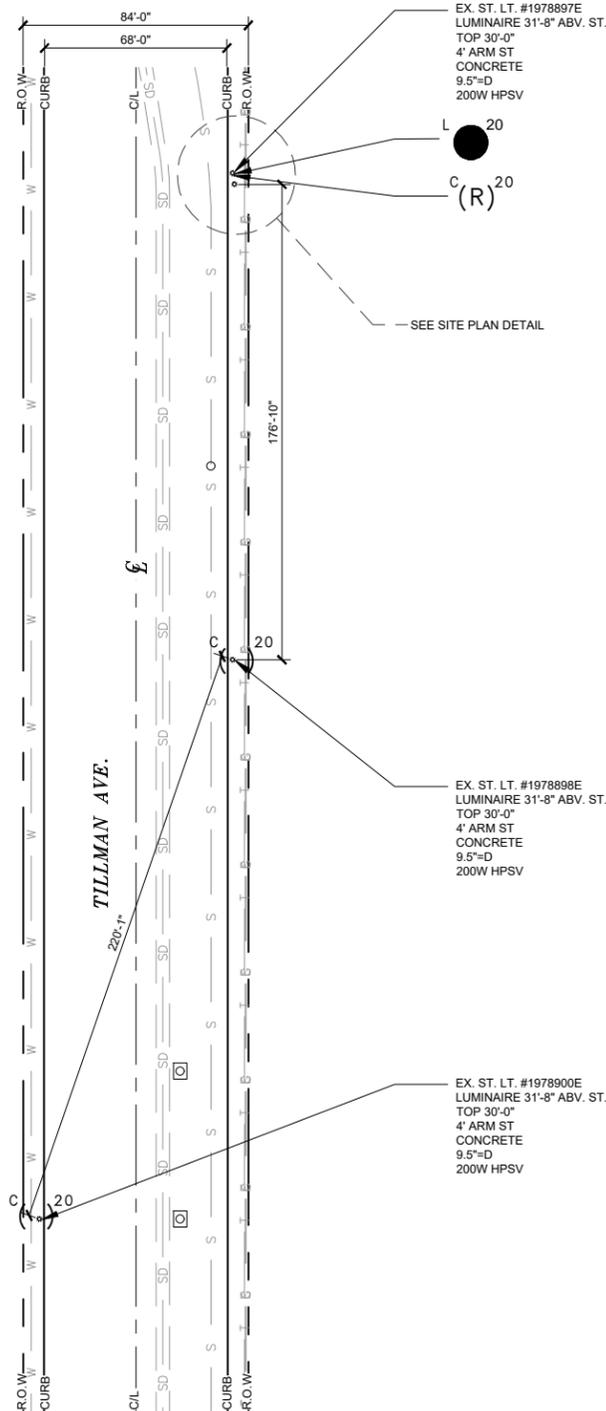
GENERAL NOTES FOR LS-1 STREET LIGHTING PLANS:

1. THE LOCATION OF A STREETLIGHT MAY ONLY BE ADJUSTED IN THE FIELD UP TO TEN (10) FEET, ONLY TO AVOID AN OBSTRUCTION SUCH AS A CATCH BASIN, DRIVEWAY, ETC. ANY DEVIATION EXCEEDING TEN (10) FEET MUST HAVE THE APPROVAL OF THE LOS ANGELES COUNTY PUBLIC WORKS, STREET LIGHTING SECTION. IF SUCH APPROVAL IS NOT OBTAINED, THE STREETLIGHTS PROPOSED BY THIS PLAN WILL NOT BE ACCEPTED BY COUNTY LIGHTING MAINTENANCE DISTRICT.
2. ALL STREET WIRING SHALL BE UNDERGROUND.
3. ON STREETS WHERE THE SIDEWALK AND CURB ARE LESS THAN OR EQUAL TO SIX AND ONE HALF (6 1/2) FEET IN WIDTH, THE MAST ARMS AND BRACKETS SHALL BE PERPENDICULAR TO THE CURB FACE. THE STREETLIGHT ELECTROLIERS SHALL BE PLACED TWENTY-FOUR (24) INCHES FROM THE CURB FACE TO THE CENTER OF THE POLE. USE A FOUR (4) LONG MAST ARM FOR 31-WATT LED STREETLIGHT AND SIX (6) FOOT LONG MAST ARM FOR ALL OTHER WATTAGE, UNLESS OTHERWISE SPECIFIED.
4. ON STREETS WHERE THE SIDEWALK AND CURB ARE LESS THAN OR EQUAL TO SIX AND ONE HALF (6 1/2) FEET IN WIDTH, THE STREETLIGHT ELECTROLIERS AND PULL BOXES SHALL BE PLACED OUTSIDE OF THE SIDEWALK ARE UNLESS OTHERWISE SPECIFIED. USE AN EIGHT (8) FOOT LONG MAST ARM FOR ALL WATTAGE, UNLESS OTHERWISE SPECIFIED.
5. ALL LIGHTS SHOWN ON THE PLANS SHALL BE ENERGIZED PRIOR TO ACCEPTANCE OF THE LIGHTING SYSTEM TO A COUNTY LIGHTING MAINTENANCE DISTRICT.
6. EXISTING STREET LIGHTING SYSTEMS SHALL REMAIN IN OPERATION DURING ANY MODIFICATION. ANY PROPOSED TEMPORARY STREET LIGHTING SYSTEM MUST BE APPROVED BY THE LOS ANGELES COUNTY PUBLIC WORKS.
7. FIVE (5) FEET CLEARANCE TO BE MAINTAINED FROM FIRE HYDRANT.
8. FOUR (4) FEET CLEARANCE TO BE MAINTAINED FROM TOP OF SLOPE AT COMMERCIAL DRIVEWAY, AND TWO (2) FEET CLEARANCE FROM RESIDENTIAL DRIVEWAY.
9. ALL LUMINAIRES SHALL BE LIGHT-EMITTING DIODE (LED) (3000K).
10. THE STREETLIGHT POLES SHALL BE AMERON TYPE 1-C1 SERIES OR AGENCY APPROVED EQUAL.
11. THE STREET LIGHTING PLANS EXPIRE TWO YEARS AFTER THE LATEST DATE OF APPROVAL.

ILLUMINATION DESIGN GUIDELINES FOR LS-1 STREETLIGHTS:

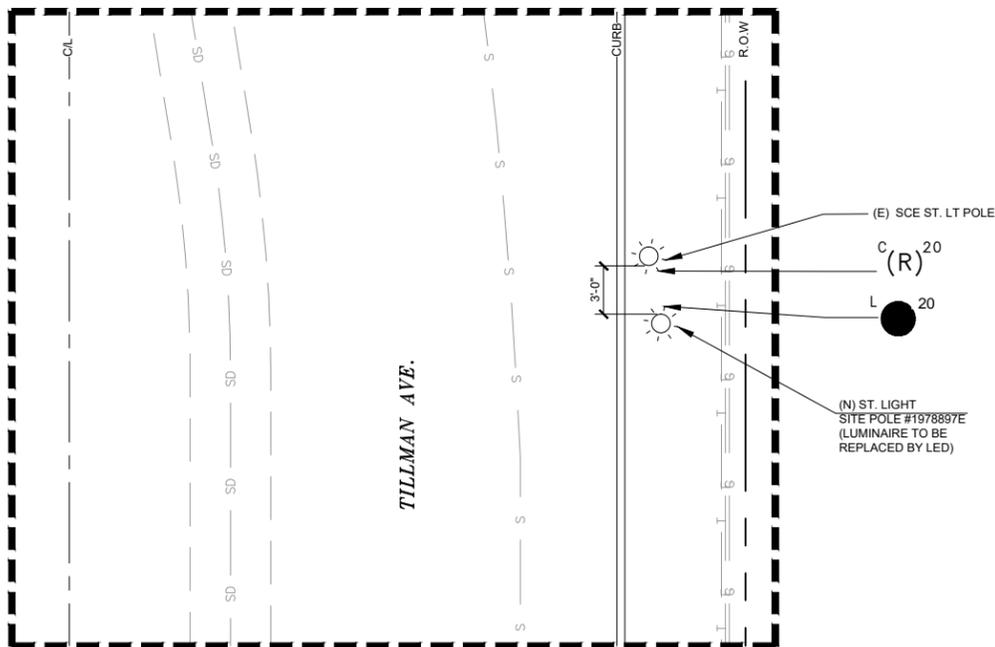
LED EQUIVALENT FOR (200 WATT) HPSV STREETLIGHTS, THE POLE SPACING IS BASED ON 1.4 FOOT CANDLES. FOR "MAJOR INTERMEDIATE" STREETS. THE LUMINAIRE SHALL HAVE A TWENTY-FIVE (30) FOOT MOUNTING HEIGHT, SHALL BE (ANSI-IES) MEDIUM, TYPE II, OR TYPE III.

STREETLIGHT PLAN

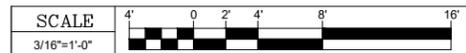


LEGEND:

- 1 - C(R)20 EXISTING 200W HPSV STREETLIGHT ON CONCRETE POLE TO BE REMOVED
- 1 - L20 PROPOSED LED EQUIVALENT FOR (200 WATT) HPSV STREETLIGHT ON CONCRETE POLE (3000K)
- () EXISTING STREET LIGHT, TYPE OF POLE AND LAMP SIZE AS INDICATED S=STEEL POLE C= CONCRETE POLE



SITE PLAN DETAIL



SITE PLAN



PROJECT #: WTF005-2021

EIMP2021000240

PERMIT #:

LOS ANGELES COUNTY PUBLIC WORKS APPROVAL FOR STREET LIGHT REPLACEMENT

BY: _____ DATE: _____

APPLICANT:



1452 EDINGER AVE.
TUSTIN, CA 92780

ENGINEER:



65 POST, SUITE 1000
IRVINE, CA 92618
TEL: (949) 553-8566
www.eukongroup.com

CHECKED BY A&E: AE
CHECKED BY OSP: GD

REVISIONS:

REV	DATE	DESCRIPTION	BY
4	07/09/21	PW COMMENTS	AS
3	06/01/21	CITY COMMENTS	FR
2	04/07/21	STREETLIGHT PLAN ADDED	FR
1	09/03/20	EQUIPMENT CHANGE PER AT&T	JG
0	12/12/19	100% CONSTRUCTION DWG	JG
A	07/22/19	90% CONSTRUCTION DWG	AS

LICENSER:



EXPIRATION DATE: 12-31-22
DATE SIGNED: 06-01-21

PROJECT INFORMATION:

DOMGZ - 011A
1124 E. DEL AMO BLVD.
CARSON, CA 90746

SHEET TITLE:

STREET LIGHT PLAN

SHEET NUMBER:

SL-1